

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY DOCKET NO.	SERIAL NO.
	16279-14	09/939,084 09/258,948
	APPLICANT	
	Carter et al.	
	FILING DATE	GROUP ART UNIT
	July 9, 1999	3672 3671

10978 U.S. PTO
09/939084

08/24/01

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>WOL</i>	AA	652,367	6/1900	T. Law	166	55.3	
	AB	928,361	7/1909	Cockburn	15	104.7	
	AC	1,001,205	8/1911	Lovell	166	55.2	
	AD	1,519,882	12/1924	Stewart et al	166	55.3	
	AE	1,618,368	2/1927	Dietle	166	55.2	
	AF	1,638,494	8/1927	Lewis et al	294	86.15	
	AG	1,717,588	6/1929	Small	29	517	
	AH	1,719,449	7/1929	Rauko	30	168	
	AI	2,163,384	5/1939	Stevens	15	104.07	
	AJ	2,203,158	6/1940	Klein	30	92.5	
	AK	2,360,425	10/1944	Kinzbach	166	55.3	
	AL	2,392,495	1/1946	Nameth	30	92.5	
	AM	2,502,711	4/1950	Evans	30	92.5	
	AN	2,534,858	12/1950	Ellis	166	55.7	
	AO	2,598,930	6/1952	Murphy	166	72	
	AP	2,638,165	5/1953	Barber	166	55.2	
	AQ	2,662,276	12/1953	Sheaffer	29	255	
	AR	2,803,301	8/1957	Warner et al.	166	55.7	
	AS	2,834,106	5/1958	Conder	30	92.5	
	AT	2,846,193	8/1958	Chadderdon	166	55.7	
	AU	2,947,253	8/1960	Cirilo	175	4.53	
	AV	2,983,042	5/1961	Frantz et al.	30	92.5	
	AW	2,999,541	9/1961	Kinzbach et al.	166	55.7	
	AX	3,005,493	10/1961	Crowe et al.	166	55	
	AY	3,023,040	2/1962	Cawley et al.	403	11	
	AZ	3,073,389	1/1963	Conner	166	55.8	
	BA	3,114,416	12/1963	Kammerer	166	55.7	
	BB	3,181,302	5/1965	Lindsay	405	156	
	BC	3,341,930	9/1967	Belanger	29	890.031	
	BD	3,543,377	12/1970	Bremner	29	234	
	BE	4,003,122	1/1977	Overmyer et al.	29	429	
	BF	4,100,980	7/1978	Jenne	175	19	
<i>WOL</i>	BG	4,118,940	10/1978	Beane	405	174	

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<i>[Signature]</i>	BH	4,505,302	3/1985	Streatfield et al.	138	97	
<i>[Signature]</i>	BI	4,720,211	1/1988	Streatfield et al.	405	184.3	
<i>[Signature]</i>	BJ	4,738,565	4/1988	Streatfield et al.	405	184.3	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION YES NO
<i>[Signature]</i>	BK	2 475 805	8/1981	France	Aimé Vieil	—	—	✓
<i>[Signature]</i>	BL	0 094 694	11/1983	EPO	British Gas Corp.	—	—	✓
	BM							
	BN							
	BO							
	BP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BQ		D. J. Ryan and Sons Pipeline Insertion Machine literature, 1983
	BR		
	BS		

EXAMINER: <i>[Signature]</i>	DATE CONSIDERED 5-29-02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	